



Philips
Digital Camcorder

128MB*

KEY019

Shoot, share & wear

MPEG4 camcorder + photos + MP3

Live and capture any moment with the ultra cool and compact 128MB* Key019 Wearable Digital Camcorder. Shoot 25 minutes of MPEG4 video, or snap 200 2.0 Mpixel pictures and enjoy MP3 music. Share your memories on any PC via direct USB

Ready to wear, Ready to go

- Small and wearable - weighing only 60 grams
- Ultra lightweight, strong and durable magnesium body
- External battery pack for hours more enjoyment

Smart camcorder with direct USB

- Microdisplay Viewfinder lets you frame, capture and playback
- Direct USB for easy file transfers without cables!
- Direct battery recharge via USB
- 5-Key in-cord remote control to easily control your music

Multimedia - anytime, anywhere

- Record up to 25 minutes of high quality MPEG4 video
- Snap hundreds of quality 2 Megapixel pictures
- 128MB* internal flash memory
- USB mass storage to store and carry your data files

PHILIPS
sense and simplicity

Specifications

Sound

- Frequency response: 30 - 16 000 Hz
- Signal to noise ratio: >86
- THD: 0.3 - 1%
- Output Power: 2 x 4.5 mW (16 Ohm)

Video Capturing

- Lens: Fixed focus length
- Aperture: F2.8
- Focus distance: > 130 cm
- Exposure range: EV 7-14
- Image sensor type: CMOS
- Image sensor size: 1/2"
- Image sensor resolution: 2M pixel
- Frame rate: 30 fps
- Bit rate: 700 Kbps
- Video format: MPEG4
- Audio format: ADPCM
- Video file format: ASF
- Video resolution: QVGA
- Sensitivity: ISO 50-200 auto adjustment
- Viewfinder: microdisplay viewfinder
- Viewfinder resolution: 320 x 240 at 30 fps

Audio Playback

- Compression format: MP3
- ID3-tag support: no
- MP3 bit rates: 8-320 kbps and VBR
- MP3 sample rates: 8, 11.025, 16, 22.050, 32, 44.1, 48 kHz

Still Picture Capturing

- Focus distance: > 1.3 m
- Picture file format: JPEG
- Picture resolution: 2M

Storage Media

- Built-in memory capacity: 128
- Built-in memory type: NAND Flash
- Music memory capacity, MP3: up to 30 tracks (128 Kbps)
- Picture memory capacity: up to 200 pictures
- Video memory capacity: up to 25 minutes
- Mass storage class compliant

Connectivity

- Headphone: 3.5 mm
- USB: USB 1.1

Accessories

- Headphones: HE570/77P
- Remote control: AY3784
- External Battery Pack: AY4380
- Neck strap: AY4216
- Cables: USB extension cable
- Printed User Guide
- Quick start guide
- CD-ROM: AY4491

Software

- Photo software: Photo impression, Collage creator
- Video software: Video impression

System Requirements

- CD-ROM drive
- Hard disk space: 50 MB
- Mac OS: No Mac support
- PC OS: Windows 98 SE, 2000, ME, XP
- Processor: Pentium MMX 166 MHz or higher
- RAM memory: 128 MB RAM
- Sound card
- Video card

Dimensions

- Master carton quantity: 3
- Master carton dimensions: 310 x 160 x 160 mm
- Packaging type: D-box
- Packaging dimensions (W x H x D): 150 x 150 x 75 mm
- Product dimensions (W x H x D): 32 x 95.7 x 22.5 mm
- Product weight: 0.060 kg
- casing material: Magnesium

Power

- Battery capacity: 330 mAh
- Battery Type: Li-ion
- Charging time: approximately 3 hr
- External battery pack
- External battery type: 2 x AA
- Recording time: int batt 43, ext batt 30 (min)

Green Specifications

- Lead-free soldered product

Product highlights

Small and wearable - 60 grams

Magnesium body

External battery pack

The External battery pack is a sleek battery pack that snaps snugly onto your player and delivers additional power for music enjoyment on the go. The External battery pack uses standard alkaline batteries from where the player draws power. The result is even longer hours of pure enjoyment.

Microdisplay viewfinder

Microdisplay viewfinder combines the latest LCD technology with high precision optics to enable you to accurately frame your subjects during photo or video capture as well as play them back on the go. The Microdisplay viewfinder's small panel is magnified by a small lens making it perfect for small devices that are big on playback.

Direct USB

Devices with direct USB can be plugged directly into the USB port of your PC without the need for any cable. Your computer will automatically recognize the device as a removable USB mass storage device (Windows 98 requires additional drivers) allowing you to easily drag and drop files via Windows Explorer (or Apple Folders) between your computer and device. Simply pack your device with music and data on the go - everyday.

USB direct battery recharge

Direct battery recharge via USB offers ultra convenience when recharging your device. No need to bother with separate chargers or cables, simply plug n' recharge your device directly on your PC.

5-Key in-cord remote control

Philips 5-Key in-cord remote control places access to playback controls right at your fingertips. The remote control connects to your device via a compact plug and uses a standard headphone socket allowing you to easily and conveniently swap headphones.

MPEG4 video capture

MPEG4 video capture allows you to record video in the highly compressed MPEG4 format, which results in smaller video file sizes while maintaining excellent sound and picture quality. Captured video is compressed in real time to MPGE4 format and stored on the device. After which you can transfer the resulting MPEG4 files to a PC for viewing or further editing.

Snap hundreds of pictures

128MB* internal flash memory

USB mass storage device

USB mass storage devices offer a convenient way to save, backup and move your files around. The devices connect to your computer using a USB connection and do not require any special software to be installed (only Windows 98 and Me need drivers). The device automatically shows up as a removable drive in Windows Explorer allowing you to simply drag and drop files to and from the device.



Date of issue 2007-01-18

Version: 1.0

12 NC: 9073 101 01734
EAN: 87 10895 86916 4

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* 1MB = 1 million bytes; available storage capacity will be less.

* Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. Battery life and number of charge cycles vary by use and settings.

* Storage capacity based on 4 minutes per song and 64 kbps WMA or 128 kbps MP3 encoding.

* Storage capacity based on 4 Mpixel pictures.

* Actual transfer speed may vary based on your operating system and software configuration.